

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2005/000043

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B25J 9/16, G05B 19/418, G05B 19/42  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G05B, B25J, B23Q, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030220715 A1 (R. WILLIAM KNEIFEL II ET AL), 27 November 2003 (27.11.2003), [0007],[0014], [0015],[0024],[0030]; figure 2-4 --	1,9,12-14
X	US 5254923 A (KIYOSHI KANITANI), 19 October 1993 (19.10.1993), column 1, line 30 - line 58; column 4, line 4 - line 23, figures 1,2, abstract --	1,9,12-14
X	EP 1090722 A2 (FANUC LTD), 11 April 2001 (11.04.2001), figures 1-3,7-8, abstract --	1,9,12-14

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

28-04-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03103903 A1 (ABB AB), 18 December 2003 (18.12.2003), page 3, line 26 - line 37; page 8, line 1 - line 33; page 9, line 22 - line 25, figure 1 --	1-14
P	US 20040030452 A1 (STEFAN GRAF ET AL), 12 February 2004 (12.02.2004), see whole document --	1-14
P	EP 1464452 A2 (KUKA ROBOTER GMBH), 6 October 2004 (06.10.2004), [0053]-[0055], [0063]-[0064]; f igure 1,3 -----	1,2,9,10,12, 13,14

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